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1.   A method of associating a Training code to a Channelisation code for use in a mobile telecommunication system comprising a base station and a mobile terminal, the method comprising the steps of:

selecting a Channelisation code,

encoding data according to the Channelisation code,

selecting a Training code based on a predetermined selection process,

transmitting the Training code with the data,

detecting the Training code and the data, and

applying a set of rules to the Training code such that the

Channelisation code is known, thereby facilitating interpretation of the data.

2.   A method as claimed in Claim 1, wherein the mobile telecommunications system is operating in an uplink mode, and the steps include:

the mobile terminal selecting at random a Channelisation code from a plurality of available Channelisation codes,

the predetermined selection process being such that the Training code selected for transmission to the base station is determined by the Channelisation code selected, and

the set of rules applied to the Training code upon detection by the base station being such that for each Training code detected the Channelisation code used to encode the data received with that Training code is known.

3.   A method as claimed in Claim 2, wherein the spreading factor of the randomly selected Channelisation code is 16.

4.   A method as claimed in any preceding Claim, wherein the mobile telecommunications system is operating in a downlink mode, and the steps include:

the base station assigning Training codes to users in a given time slot in a predetermined assignment sequence, the predetermined assignment sequence having a spreading factor associated therewith, and

the base station and the mobile terminal having knowledge of the predetermined assignment sequence and associated spreading factor such that upon detection of the Training code by the mobile terminal the Channelisation code used to encode the data is known.

5.   (Amended)   A   Code-Division   Multiple   Access   mobile telecommunication system operable in accordance with the method as claimed in Claim 1.

6.   (Amended)   A   code-Time   Division   Multiple   Access   mobile telecommunications system operable in accordance with the method as claimed in Claim 1.

7.   (Amended) A time division duplex mobile telecommunications system operable in accordance with the method as claimed in Claim 1.

8.   (Amended) A UMTS mobile telecommunications system operable in accordance with the method as claimed in Claim 1.

9.   (Amended) A mobile terminal operable in accordance with Claim 1.

10.   (Amended) A base station operable in accordance with Claim 1.